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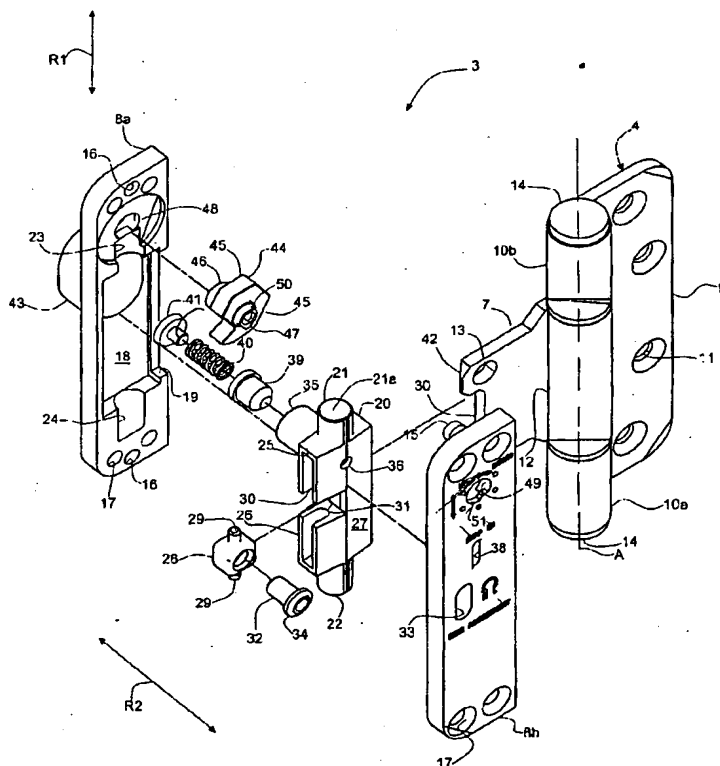
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(54) Title: A HINGE



(57) Abstract: A hinge (3, 3') with a frame part (4, 204) and a door part (5), which door part exhibits a holding box (8, 8') for installation on a door (1) or equivalent, and a hinge leaf (7, 207) that is detachably attachable to the box, which box comprises a lateral recess (19) for the hinge leaf, and a receiving part (20, 20', 220) for the hinge leaf present inside the box. In order to permit the simple and reliable lateral adjustment of the door and its simple installation and removal and the positive fixing of the position of the hinge leaf in the receiving part, the box (8, 8') is capable of being caused to move relative to the receiving part (20, 20') by the actuation from the outside of an adjustment device (32) for the purpose of providing lateral adjustment of the box and the door in the plane of the door, perpendicular to the axis (A) of the hinge, and the hinge comprises a spring-actuated snap element (39, 239) for the detachable attachment of the position of the hinge leaf (7, 207) in the receiving part.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 4431799 C1 (ANUBA-BESCHLÄGE X. HEINE & SOHN GMBH), 2 November 1995 (02.11.1995) --	1-13
Y	WO 0184261 A1 (ASSA AB), 8 November 2001 (08.11.2001) --	1-13
Y	GB 2377729 A (FRIP AB), 22 January 2003 (22.01.2003) --	1-13
Y	US 4825507 A (T. KILLINGSTAD), 2 May 1989 (02.05.1989) --	5

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5806144 A (B. FRIES), 15 Sept 1998 (15.09.1998) -- -----	

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2005/000169

DE	4431799	C1	02/11/1995	NONE		
WO	0184261	A1	08/11/2001	AU	5283601 A	12/11/2001
				AU	6604100 A	20/08/2001
				EP	1279080 A	29/01/2003
				NO	20025160 A	23/12/2002
				SE	516251 C	10/12/2001
				SE	0001578 A	29/10/2001
GB	2377729	A	22/01/2003	GB	0224795 D	00/00/0000
				AU	5451899 A	13/12/1999
				GB	0027570 D	00/00/0000
				GB	2354798 A,B	04/04/2001
				NO	309619 B	26/02/2001
				NO	982180 A	15/11/1999
				US	6715181 B	06/04/2004
				WO	9961738 A	02/12/1999
US	4825507	A	02/05/1989	AT	401665 B	25/11/1996
				CA	1291856 A,C	12/11/1991
				DE	3739810 A,C	09/02/1989
				DK	628387 A	29/01/1989
				FI	875188 A	29/01/1989
				FR	2618836 A,B	03/02/1989
				GB	2207456 A,B	01/02/1989
				GB	8727871 D	00/00/0000
				JP	1036884 A	07/02/1989
				JP	1882689 C	10/11/1994
				JP	6008579 B	02/02/1994
				NL	8702831 A	16/02/1989
				NO	165354 B,C	22/10/1990
				NO	873165 A	17/03/1989
				SE	8704683 A	29/01/1989
US	5806144	A	15/09/1998	AU	5140098 A	10/06/1998
				NO	304158 B	02/11/1998
				NO	964956 A	22/05/1998
				WO	9822680 A	28/05/1998